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CLAIMS

1. A computer network system comprising:

a plurality of client hardware elements forming a computer network (414);

a server network segment (412) comprising a plurality of services; and

a router (416) for interconnecting the computer network (414) with the server network segment (412);

the computer network (414) being assigned at least one first access address range, and the server network segment (412) being assigned at least one second access address range and at least one third access address range, wherein the at least one second access address range is an exclusive address range separate from the at least one first access address range and the at least one third access address range is a shared address range representing at least a sub-range of the at least one first access address range, each of the plurality of services being assigned one access address within the shared address range or the exclusive address range and the router (416) being set up to only route addresses within the shared access address range.

2. A computer network system according to claim 1, wherein the access address ranges are Internet Protocol address ranges.

3. A computer network system according to claim 1 or 2, wherein the server network segment is a LAN server (412).

4. A computer network system according to any one of claims 1 to 3, wherein the computer network is a Local Area Network LAN or a Wide Area Network WAN.

5. A computer network system according to any one of claims 1 to 4, wherein the router comprises a filter set up to block addresses from the second access address range and to let pass addresses from the third access address range.

6. A router (416) for interconnecting a server network segment (412) comprising a plurality of services with a computer network (414), the computer network (414) being assigned at least one first access address range, and the server network segment (412) being assigned at least one second access address range and at least one third access address range, wherein the at least one second access address range is an exclusive address range separate from the at least one first access address range and the at least one third access address range is a shared address range representing at least a sub-range of the at least one first access address range, each of the plurality of services being assigned one access address within the shared address range or the exclusive address range and the router (416) being set up to only route addresses within the shared access address range.

7. A router according to claim 6, the access address ranges are Internet Protocol address ranges.

8. A router according to claim 6 or 7, the router comprising a filter which is set up to block addresses from the second access address range and to let pass addresses from the third access address range.

9. A network setup method comprising the steps of:

assigning one or more first access address range(s) to a computer network (414);

assigning one or more second access address range(s) to a server network segment (412) comprising a plurality of services, the second access address range(s) being an exclusive address range separate from the first access address range(s); and

assigning one or more third access address range(s) to the server network segment (412) comprising a plurality of services, the third access address range(s) being a shared address range representing at least a sub-range of the first access address range(s), so that each service is assigned one access address within the second access address range or the third access address range;

setting up a router (416) for interconnection of the computer network (414) with the server network segment (412) in such a manner that the router (416) only routes addresses within the shared access address range.

10. A method according to claim 9, wherein the access address ranges are Internet Protocol address ranges.

11. A method according to claim 9 or 10, wherein the server network segment is a LAN server (412).

12. A method according to any one of claims 9 to 11, wherein the computer network is a Local Area Network LAN or a Wide Area Network WAN.

13. A method according to claim 11, further comprising the step of setting up a filter in the router in such a manner that the filter blocks addresses from the second access address range(s) and passes addresses from the third access address range(s).

14. A computer program product with a computer-readable medium and a computer program stored on the computer-readable medium with program coding means which are suitable for carrying out a method according to any one of claims 9 to 13 when the computer program is run on a computer.

15. A computer program with program coding means which are suitable for carrying out a method according to any one of claims 9 to 13 when the computer program is run on a computer.

16. A computer-readable medium with a computer program stored thereon, the computer program comprising program coding means which are suitable for carrying out a method according to any one of claims 9 to 13 when the computer program is run on a computer.